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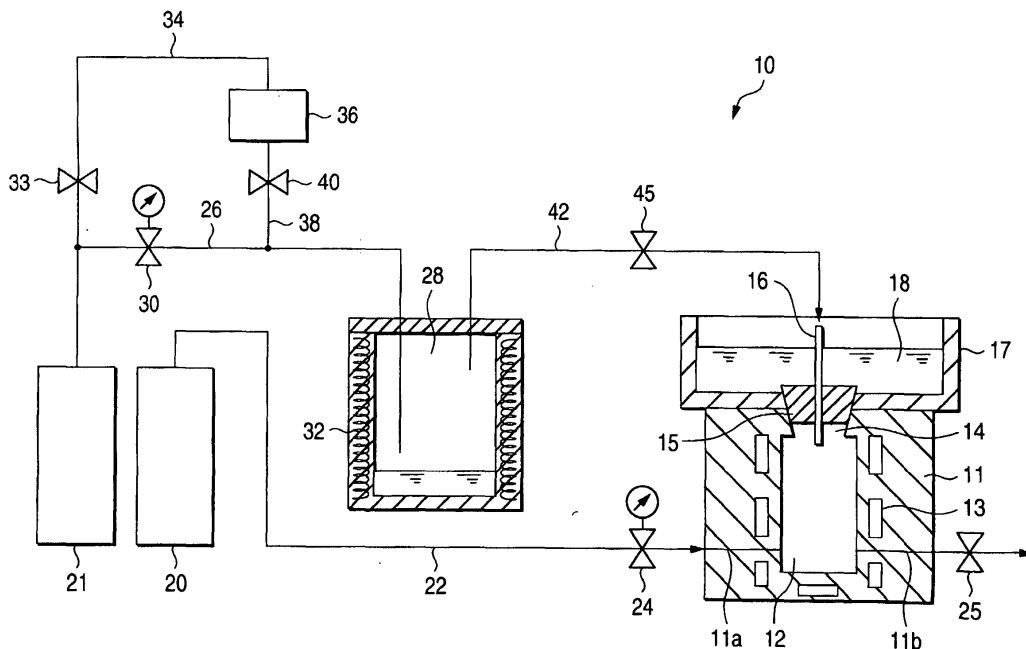
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(54) **Reduction casting method**

(57) A reduction casting method includes the steps of: allowing a metallic gas and a reactive gas to react with each other to generate a reducing compound; introducing the thus-generated reducing compound into a cavity of a molding die 11; and reducing an oxide film

formed on a surface of a molten metal by the reducing compound to cast a cast product. The reduction casting method uses a non-reactive gas as a carrier gas when the metallic gas is introduced into the cavity, in which a flow quantity of the non-reactive gas is allowed to be from one sixth to twice that of the reactive gas.

FIG. 1





European Patent
Office

EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		6 September 2004	Mailliard, A
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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